

VASIL'CHENKO, G.V.; SHIMKO, K.I.

Analogies in solving certain problems of the theory of elasticity
and hydrodynamics. Inzh.fiz.zhur. 4 no.7:52-59 Jl '61.
(MIRA 14:8)

1. Institut vodnykh problem AN BSSR, Minsk.
(Elasticity) (Hydrodynamics)

VASIL'CHENKO, G.V. [Vasill'chanke, H.V.]

Determining the nature of the approach of a flow to multistage
water-passage structures. Vestsi AN BSSR, Ser. fiz.-tekhn. nav. no.2:
99-05 '62. (MIRA 18:4)

KOVALENKO, Eduard Petrovich; VASIL'CHENKO, G.V., kand. tekhn. nauk,
red.; BARABANOVA, Ye., red.izd-va; ATLAS, A., tekhn.red.

[Investigation of the movement of water in open channels]
Issledovanie dvizheniya vody v otkrytykh ruslakh. Minsk,
Izd-vo AN BSSR, 1963. 223 p.
(MIRA 17:2)

VASIL'CHENKO, G.V.

Physical properties of the snow cover in connection with the
cultivation of fruit and berry crops. Izv. Alt. otd. Geog.
ob-va SSSR no.5:130-132 '65. (MIRA 18:12)

1. Altayskaya opytnaya stantsiya sadovodstva.

PERYSHKIN, G.A. [Peryshkin, H.A.]; VASIL'CHENKO, G.V. [Vasil'chanka, H.V.]

Stability of vertical scarps. Vestsi AN BSSR. Ser. fiz.-tekhn.
nav. no.3:132-137 '61. (MIRA 14:10)
(Soil stabilization)

VASIL'CHENKO, I.

"Safety measures leaflet for miners in horizontal mining" by
IU.A.Onishchenko. Reviewed by I.Vasil'chenko. "sop.truda v prom.
l no.6:40 Je '57. (MLRA 10:7)
(Coal mines and mining--Safety measures) (Onishchenko, IU.A.)

PISKOV, G. and VASIL'CHENKO, I.

Bol'she vnimaniia ekonomike perevczok. [To pay more attention to the economics
of transportation]. (Grazhdanskaia avliatiia, 1940, no. 6, p. 6-8, tables).

DLC: TL504.G7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

VASIL'CHENKO, I.I.

The UAD asynchronous micromotors. Biul.tekh.-ekon.inform.Gos.
nauch.-issl.inst.nauch. i tekh.inform. 16 no.11:57-58 '63.
(MIRA 16:11)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

LODOCHNIKOV, E.A., inzh.; FARKHULLIN, N.N., inzh.; VASIL'CHENKO, I.I., inzh.;
LETUNOVSKAYA, A.V., inzh.; VEGERA, inzh.

New series of commercial frequency micromotors. Elektrotehnika 34 no.
(MIRA 17:1)
12:23-26 D '63.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2"

VASILENCHENKO, I. I.

(The elimination of irresponsibility in kolkhozes) Rostov na Donu, Severnyi Kavkaz,
1933. 63 p.

BORISOVA, A.G.; VASIL'YEV, V.N.; VASIL'CHENKO, I.T.; KIRPICHNIKOV, M.E.;
LFONOVA, T.G.; LIPSHITS, S.Yu.; TSVELEV, N.N.; CHEREPANOV, S.K.;
SMISHKIN, B.K. [deceased]; BOBROV, Ye.G., prof. doktor biol.nauk,
red. toma.

[Cichorioideae.] Cichorioideae. Moskva, Izd-vo Nauka, 1964. 796 p.
(Flora SSSR, vol.29) (MIRA 18:2)

VASIL'CHENKO, I. T. ; I. M. Krasheninnikov; and M. M. Il'in
Botanical Institute imeni V. L. Komarov, Acad Sci USSR

"The Compositae Family"

SOURCE: Sbornye rasteniya SSSR, 4, pp 183-362, 1935

VASIL'CH NKO, I. T.

Vasil'chenko, I. T.; "On the variety of forms of the wild grape in the
Gissar Range", (With editorial comment), Soobshch. Tadzh. filiala Akad.
nauk SSSR, Issue 10, 1948, p. 11-13, - Bibliog: 8 items.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

VASIL'CHENKO, I. T.

PA 47/49T4

CHINA/Agriculture
Alfalfa

Jan 49

"Wild-Growing Perennial Alfalfa in China," I. T.
Vasil'chenko, 1 p

"Priroda" No 1

Establishes that: (1) wild-growing alfalfa is present in China in the region from Eastern Tien Shan to Pei-p'ing; (2) these types are very close to types and groups known in USSR; and (3) wild-growing alfalfa attaches itself to mountain ranges, weaving through Central Asia in a latitudinal direction from west to south (along

CHINA/Agriculture (Coata)

47/49T4
Jan 49

the line of the Eastern Tien Shen, Nan Shan, and Pei-p'ing mountains).

47/49T4

VASIL'CHENKO, I. T.

Vasil'chenko, I. T. "A new species of alfalfa from Dagestan," Botan. materialy
Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 100-01

SO- U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

VASIL'CHENKO, I. T.

Vasil'chenko, I. T. - "New species of leguminous flora of the USSR," Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 120-21

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

VASIL'CHENKO, I. T.

Vasil'chenko, I. T.- "On a new variety of acanthocephalus Benthan (Acanthocephalus Benthaminus Rgl.) Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR; Vol. XI, 1949, p. 174-75

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

BLINOVSKIY, K.V.; BORISOVA, A.G.; VASIL'CHENKO, I.T.; MEFFERT, V.V.;
NIKITIN, V.V.; POYARKOVA, A.I.; SHAPARENKO, K.K.; FEDCHENKO, B.A.;
SHISHKIN, B.K.; ZHIDEN, O.A.; VASIL'IEV, A.O., tekhnicheskij redaktor;
PETROVA, K.T., tekhnicheskij redaktor

[Flora of Turkmenistan] Flora Turkmenii. Ashkhabad, Izd-vo Turkmen-
skogo filiala Akad.nauk SSSR. Vol.4. 1950. 271 p. (MIRA 10:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Shishkin)
(Turkmenistan--Botany)

VASIL'CHENKO, I. T.

Science

Transactions of the First All-Union conference of botanists and selectionists, March 24-27, 1950. Redaktsionnaia komissiia: I. T. Vasil'chenko, Moskva, Izd-vo Akademii nauk SSSR. Vol 1, 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

VASII 'CHENKO, I. T.

Herbs

New species and sections of the genus fenugreek. Bot. mat. Gerb., 14, 1951.

Monthly List of Russian Accessions, Library of Congress, November 1952 Unclassified.

1. VASIL' CHENKO, I. T.
2. USSR (600)
4. Filbert-Tajikistan
7. Old cultivation of the filbert in Tajikistan. Soob. TFAN SSSR no. 30 1951.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

VASIL'CHENKO, I.T.; MEFERT, V.V. [deceased]; KOTOV, M.I.

Amaranth family (Amaranthaceae Juss.). Flora USSR 4:400-414 '52.
(Ukraine--Amaranth) (MLRA 7:12)

VASIL'CHENKO, I.T.

Survey of species of the genus Trigonella L. Trudy Bot. inst. Ser. 1 no.10:
124-269 '53.
(MLRA 6:?)
(Trigonella)

VASIL'CHENKO, I.T.

New species of Roegneria from Central Asia. Bot.amt.Gerb.15:36-38
'53. (MLRA 7:2)
(Asia, Central--Grasses) (Grasses--Asia, Central)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

VASIL'CHENKO, I.T.

Forms of *Draba nemorosa* L. Bot. mat. Gerb. 15:54-61 '53.

(MLRA 7:2)
(Brassicaceae)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2"

VASIL'CHENKO, I.T.

Problem of the classification of *Amygdalus ulmifolia* (Franch.)
M.Pop. Bot.mat.Gerb. 15:132-144 '53.
(MLRA 7:2)
(Almond)

SHISHKIN, B.K., redaktor; KUPREVICH, V.P., redaktor; LARIN, I.V. zasluzh.
deyat. nauki, prof; redaktor; VASIL'CHENKO, I.T., professor,
doktor biologicheskikh nauk, redaktor; GOLOVATIN, M.I., redaktor;
MOLODTSOVA, N.G., tekhnicheskiy redaktor.

[Proceedings of the First All-Union Conference of Botanists and
Plant Breeders, March 24-27, 1950] Materialy Pervogo Vsesoiuznogo
Soveshchaniia botanikov i selektsionerov 24-27 marta 1950 g.
Redaktsionnaia komissia: B.K. Shishkin, i dr. Moskva, Izd-vo
Akademii nauk SSSR. Vol. 3. 1954. 119 p. (MLRA 8:7)

1. Chlen-korrespondenty AN SSSR (for Shishkin, Kuprevich)
(Botany--Congresses)

VASIL'CHENKO, I.T.

Jacquemont cherry in the U.S.S.R. Bot.mat.Gerb. no.16:192-
197 '54.
(MLRA 8:9)
(Cherry)

VASIL'CHENKO, I.T.

Notes on *Ampelopsis vitifolia* (Boiss.) Planch. Bot.mat.Gerb.
16:237-240 '54. (MIRA 8:9)
(*Ampelopsis*)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

VASIL'CHENKO, I.T.

Genus Hypogomphia. Flora SSSR 20:491-493 '54. (MLRA 7:7)
(Labiatae)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2"

VASIL'CHENKO, I.T.

Wild plants of the U.S.S.R. as raw material for selection and
experimental crops. Bot.shur. 39 no.3:317-325 My-Je '54.
(MLRA 7:7)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR,
Leningrad.
(Botany, Economic)

VASIL'CHENKO, I.T.

Rate of the process of species formation. Bot.zhur. 39 no.6:
852-866 N-D '54. (MLRA 8:2)
(Origin of species)

VASIL'CHEVKO, I. T.

New varieties in cherry culture Moskva, Akad. nauk SSSR, 1954. 69 p.
(Nauchno-populjarnaja serija

1. Cherry

VASIL'CHENKO, I.T.

Aflatunia, a new genus of Rosaceae. Bot. mat. Gerb. 17:260-262 '55.
(MLda 9:5)

(Rosaceae)

VASIL'CHENKO, I.T.

New species of rattle. Bot.mat.Gerb. 17:376-379 '55. (MLRA 9:5)
(Rhinanthus)

VYKHODTSIEV, I.V.; VASIL'CHENKO, I.T., doktor biologicheskikh nauk, professor,
glavnnyy redaktor; PHOTOPOROV, G.F., redaktor; TSYBINA, Ye.V., tekhnicheskiy redaktor

[Vegetation of pastures and hay fields of Kirghizistan] Rastitel'nost'
pastbishch i senokosov Kirgizskoi SSR. Frunze, Akademija nauk Kirgizskoi SSR, 1956. 336 p.
(Kirgizistan—Pastures and meadows)

VASIL'CHENKO, I.T.

Heterophilly in pears as representatives of the genus Pyrus L.
Bot. zhur. 41 no. 4:549-552 Ap '56. (MLRA 9:9)

1. Botanicheskiy institut imeni V.L. Komareva Akademii nauk SSSR,
Leningrad.

(Pears) (Leaves)

VASIL'CHENKO, I.T.; DZHANGURAZOV, F.Kh.

The puzzle of Biota. Bot.zhur.42 no.1:88-91 Ja '57. (MLRA 10:2)

l. Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR,
Leningrad.
(Thuja)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

VASIL'CHENKO, I.T.

Family Cucurbitaceae. Flora SSSR 24:91-125 '57. (MLRA 10:?)
(Cucurbitaceae)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2"

VASIL'CHENKO, I.T.

Systematic position of the genus Niedzwedzkaia B. Fedtsch. Bot. mat.
Gerb. 18:219-224 '57. (MIRA 10:6)
(Chu-Ili Mountains--Bignonia)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

VASIL'CHENKO, I.T.

Notes on some Chinese grape species. Bot. mat. Gerb. 18:163-169 '57.
(China--Grapes) (MIRA 10:6)

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CIA-RDP86-00513R001858720017-2"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2

VASIL'CHANKO, I.T.

New plants in the flora of Tupalang. Bot. mat. Gerb. 18:13-19 '57.
(Tupalang Valley--Botany) (MLRA 10:6)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858720017-2"

VASIL'CHENKO, I. T.

IKONNIKOV, S.S.; ISMAILOV, M.; KNORRING, I.G.; KOROLEVA, A.S.; KUDRYASHEV,
S.N.; MALEYEV, V.P.; MASLENNIKOVA, T.I.; NEVSKIY, S.A.; NIKITIN, V.A.;
OVCHINNIKOV, P.N.; PLESHKO, S.I.; POPOV, N.G.; SIDORENKO, G.T.;
CHUKAVINA, A.P.; SHIBKOVA, I.F.; BORISOVA, A.G., redaktor; VASIL'CHEN-
KO, I.T., redaktor; NEUSTRUYEVA, O.E., redaktor; ZENDEL', R.Ye.,
tekhnicheskiy redaktor

[Flora of the Tajik S.S.R.] Flora Tadzhikskoi SSR. Moskva, Izd-vo
Akad.nauk SSSR. Vol.1. [Pteridophyta - Gramineae] Paporotnikoobraznye-
zaki. Glav.red. P.N.Ovchinnikov. 1957. 547 p. (MIRA 10:9)
(Tajikistan--Botany)

VASIL'CHENKO, I.T.; SHISHKIN, B.K., red.; ARONS, R.A., tekhn.red.

[New varieties of pears for cultivation] *Novye dlia kul'tury vidy grushi.* Moskva, Izd-vo Akad.nauk SSSR, 1957. 102 p. (MIRA 10:11)

1. Chlen-korrespondent AN SSSR. (for Shishkin).
(Pear)

V A D N O V . A N D , L . I .

ISACHENKO, Boris Levrent'yevich, akademik; BONDARTSEV, A.S., prof., red.;
VASIL'CHEVKO, I.T. prof., red.; SAVICH, V.P., prof., red.;
TUZEPCHUK, S.V., prof., red.; YAKOVIEVA, V.M., red.izdva; BLEYKH,
E.Yu., tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad.nauk SSSR.
Vol.3. 1957. 301 p.
(Botany) (MIRA 11:2)

VASIL'CHENKO, I.T.

*Fruit forests of southern Kirghizia. Okhr. prir. i zapov. delo v
SSSR no.2:25-33 '57.* (MLRA 10:8)

1. Botanicheskiy institut Akademii nauk SSSR,
(Dzhalal-Abad Province--Forest reserves) (Fruit) (Nuts)

KOMAROV, V.L., akademik, glavnnyy red.; SHISHKIN, B.K., red. izdaniya;
BOBROV, Ye.G., doktor biol.nauk, prof.red.; VASIL'CHEMKO, I.T.,
red.; GORSHKOVA, S.G., red.; GRIGOR'IEV, Yu.S., red.; GORETSKY, T.L.,
red.; DOROFEEV, P.I., red.; IL'INSKAYA, I.A., red.; KLOKOV, M.V.,
red.; KUPRIYANOVA, L.A., red.; LINCHEVSKIY, I.A., red.; NOVOPOKROV-
SKIY, I.V., red.; POBEDIMOVA, Ye.G., red.; POPOV, M.G., red.;
POYARKOVA, A.I., red.; SHTEYNBERG, Ye.I., red.; TSVERLEV, N.N., red.;
SMIRNOVA, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR, Moskva, Izd-vo Akad. nauk
SSSR, 1958. 775 p. (MIRA 12:7)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Botany)

USSR / Cultivated Plants. Fruit Trees. Small
Fruit Trees.

M-7

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73150.

Author : Vasil'chenko, I. T.

Inst : Not given.

Title : On the Problem of Leaf Modification in the Walnut
Juglans Regia L.

Orig Pub: Botan. zh., 1958, 43, No 2, 287-290.

Abstract: No abstract.

Card 1/1

VASIL'CHEINKO, I.T.

Intraspecific categories [with summary in English]. Trudy Bot. inst.
Ser. 1 no.12:132-166 '58. (MIRA 11:7)
(Botany--Classification)

BOBROV, Ye.G., doktor biol.nauk, prof.; VASIL'CHENKO, I.T.; GORSHKOVA,
S.G.; GRIGOR'IEV, Yu.S.; GRUBOV, V.I.; DOROFEEV, P.I.; IL'INSKAYA,
I.A.; KLOKOV, M.V.; KUPRIYANOVA, L.A.; LINCHEVSKIY, I.A.;
NOVOPOKROVSKIY, I.V.; POBEDIMOVA, Ye.G.; POPOV, M.G.; POYARKOVA,
A.I.; STEYNBERG, Ye.I.; TSVELEV, N.N.; SHISHKIN, B.K., red.
izdaniya; SMIRNOVA, A.V., tekhn.red.

[Dicotyledons] Dicotyledons. Moskva, Izd-vo Akad.nauk SSSR, 1959.
775 p. (Akademija nauk SSSR. Botanicheskii institut. Flora SSSR,
vol.23) (MIRA 13:4)

(Dicotyledons)

VASIL'CHEVKO, I.T.

Latest botanical comments on chapter 15 of Marco Polo's "Book".
Bot. zhur. 44 no.2:243-249 P '59. (MIRA 12:6)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR,
Leningrad.

(Polo, Marco, 1254-1323?)
(Iran--Yew)

VASIL'CHEJKO, I.T.

What should be considered a typical *Prunus divaricata* Ledeb.
Bot.mat.Gerb. 19:225-229 '59. (MIRA 12:8)
(Caucasus--Cherry plum)

VASIL'CHENKO, I.T.

One-hundredth anniversary of the expedition of the Russian Geographical Society to Iran and Afghanistan (the "Khurasan Expedition"). Bot. zhur. no.3:415-418 Mr '59. (MIRA 12:7)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR, Leningrad.
(Iran--Botany) (Afghanistan--Botany)

TOLMACHEV, A.I.; VASIL'CHENKO, I.T., prof., doktor biolog.nauk, otv.
red.; GOLOVIN, M.I., red.izd-va; YAKOVLEVA, V.M., red.izd-va;
BOCHEVER, V.T., tekhn.red.

[Flora of Sakhalin] O flore ostrova Sakhalina. Moskva, Izd-vo
Akad.nauk SSSR, 1959. 101 p. (Komarovskie chteniiia, no.12)
(MIRA 12:11)
(Sakhalin--Botany)

VASIL'CHENKO, I.T.

Studying East Asiatic species of the genus Malus Mill., section
SorboMalus Zab., subsection Kansuenses Rehd. Bot. Mat. Gerb.
19:197-203 '59. (MIRA 12:8)
(China--Apple) (Korea, North--Apple)

BORISOVA, A.G.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.;
GORSHKOVA, S.G.; GRUBOV, V.I.; KIRPIOMNIKOV, N.E.; SMOL'YANINOVA, L.A.;
TAMAMSHYAN, S.G.; TSYALEV, N.N.; YUZEPCHUK, S.V.; KOMAROV, V.L.,
akademik, glavnnyy red.; SHISHKIN, B.K., red.izdaniya; BOBROV, Ye.G.,
doktor biol.nauk, prof., red.; SMIRNOV, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR. Moskva, Izd-vo Akad.nauk
SSSR. 1959. 630 p. (MIRA 12:8)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Compositae)

VASIL'CHENKO, I.T.

"Roses; phylogeny and systematics, spontaneous varieties of the European part of the U.S.S.R., Crimea and Caucasus; experience and prospects of utilization" by V.G. Khrzhanovskii. Reviewed by I.T. Vasil'chenko. Bot. zhur. 44 no.7:1024-1026 Jl '59.
(MIRA 12:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR, Leningrad.
(Roses) (Khrzhanovskii, V.G.)

CHERNOVA, Ye.P.; VASIL'CHENKO, I.T., prof., doktor biolog.nauk, otd.red.

[Arctic bramble and its cultivation] Polianika (*Rubus arcticus* L.)
i ee vvedenie v kul'turu. Moskva, Izd-vo Akad.nauk SSSR, 1959.
33 p. (MIRA 13:1)
(Berries)

VASIL'CHENKO, I.T.

Development of trees and shrubs at the timber line in the
mountains of Central Asia. Bot.shur. 44 no.12:1717-1720 D '59.
(MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR,
Leningrad.
(Soviet Central Asia--Mountain ecology)
(Trees) (Shrubs)

VASIL'CHEVKO, I.T.

Series of species. Bot.zhur. 44 no.10:1491-1494 O '59.
(MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova, Akademii nauk SSSR,
Leningrad.
(Botany--Classification)

BORISOVA, A.G.; BOCHANTSEV, V.P.; VASIL'CHEMKO, I.T.; GOLUBKOVA, V.F.;
GORSHKOVA, S.G.; GRUBOV, V.I.; KIRPICHNIKOV, M.E.; SMOL'YANINOVA,
L.A.; TAMANSHYAN, S.G.; TSEVLEV, N.N.; TSVETKOVA, L.I.; YUZEP-
CHUK, S.V.; SHISHKIN, B.K., red.toma; BOBROV, Ye.O., doktor
biol.nauk, prof., red.: SMIRNOVA, A.V., tekhn.red.

[Compositae] Compositae. Moskva, Izd.-vo Akad.nauk SSSR, 1959.
630 p.(Akademija nauk SSSR. Botanicheskii institut. Flora
SSSR. no.25) (MIRA 13:4)
(Compositae)

VASIL'CHENKO, Ivan Tikhonovich; BOBROV, Ye.G., prof., doktor biolog.
nauk, otd.red.; GOLOVIN, M.I., red.izd-va; SMIRNOVA, A.V.,
tekhn.red.

[Tree and shrub seedlings; identification key] Vskhody
derev'ev i kustarnikov; opredelitel'. Moskva, Izd-vo Akad.
nauk SSSR, 1960. 294 p. (MIRA 13:2)
(Seedlings) (Trees) (Shrubs)

VASIL'CHENKO, I.T.; DZHANGULAZOV, A.P.

Protection of nature in the western part of the Gissa Range. Ochr.
prir. i zapov. delo v SSSR. no. 3:62-14 '60. (MLA 14:2)

1. Botanicheskij institut im. V.L. Komarova AN SSSR. i Tas'kentskiy
sel'skokhozyaystvennyj institut. |
(Gissar Range--fruit trees)

VASIL'CHENKO, I.T.; DZHANGU AZOV, P.K.

Protection of ancient tomb groups ("mazars") in Central Asia.
Okhr. prir. i zapov. islo v SSSR n. 5:65-66 '60. (II.A 1/2)

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POBEDIMOVA, Ye.G.; POLYAKOV, P.P.; POXARKOVA, A.I.; SMOL'YANINOVA, L.A.;
FEDOROV, An.A.; TSVETKOVA, L.I.; TSVELEV, N.N.; SHISHKIN, B.K.;
KOMAROV, V.L., akademik, glavnnyy red.; BOBROV, red.toma; SHISHKIN, B.K.;
red.izd.; SMIRNOVA, A.V., tekhn.red.

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1218-1220 Ag '61. (MIRA 15:1)

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KHASANOV, O.; VASIL'CHENKO, I.T., doktor bil.. nauk, prof. otv. red.;
KASYMOVA, I.S., red.; MOSHCHENKO, Z.V., red.; GOR'KOVA, Z.P.,
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(Angren Valley--Alfalfa)

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VASIL'YEVA, Lidiya Ivanovna; MATHSENKO, Aleksandra Yefimovna;
VASIL'CHENKO, I.T., doktor biol. nauk, prof., red.;

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VASIL'CHENKO, Ivan Tikhonovich; MINKINA, L.N., red.

[Key for identification of weed seedlings] Opredelitel'
vakhodov sormykh rastenii. Leningrad, Kolos, 1965. 430 p.
(MIRA 18:12)

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of Sciences of the U.S.S.R. Bot.zhur. 50 no.10:1481-1485 O '65.
(MIRA 18:12)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

VASIL'CHENKO, I. V.

36-72-1/13

AUTHOR:

Vasil'chenko, I. V.

TITLE:

Proximate Thermodynamic Analysis of Local Ascending Currents in the Atmosphere (Priblizhennyj termodinamicheskiy analiz local'nykh voskhodyashchikh tokov v atmosfere)

PERIODICAL:

Trudy Glavnay geofizicheskoy observatorii, 1957, Nr 72, pp. 3-18
(USSR)

ABSTRACT:

The author discusses convective movements of air in relation to local ascending currents in the atmosphere, and compares theoretical conclusions with experimental results. Tests have shown that in the initial stage a layer of air uniformly heated from below develops a distorted type of convection consisting of active separate air jets breaking through and compensated by passive and descending air masses. The direction of the circulation depends on the vertical temperature gradient within the layer. Computation of the vertical velocity of ascending currents and convective clouds is based on the vertical sounding of the atmosphere and a determination of the dependence of vertical velocity on atmospheric stratification. Equation systems and their solutions, boundary problems, and convective currents under stable weather conditions are discussed. The following authors are cited: Budyko, M. I., Lyapin, Ye. S., Vorontsov, P.A., Vul'fszon, N. I..

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Vasil'chenko, L.V.

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PHASE I BOOK EXPLOITATION

SOV/2268

Glavnaya geofizicheskaya observatoriya

Voprosy fiziki atmosfery (Problems in Physics of the Atmosphere) Leningrad,
Gidrometeoizdat, 1959. 74 p. (Series: Its: Trudy, vyp. 82) Errata
slip inserted. 1,250 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri
Sovete Ministrov SSSR.

Ed. (Title page): N. S. Shishkin, Doctor of Physical and Mathematical
Sciences; Ed. (Inside book): T. V. Ushakova; Tech. Ed.: M. I. Braynina.

PURPOSE: This issue of the Observatory's Transactions is intended for students
and teachers of synoptic meteorology as well as for professionals in the
field.

COVERAGE: This collection of articles is mainly concerned with the results
of investigations on the physics of the atmosphere carried out in 1956-57
at the GGO, Division for the Physics of Free Atmosphere. The authors
discuss the development (formation) and disintegration of convective clouds

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Problems in Physics (Cont.)

SOV/2268

and the relationship between the cloud structure and aircraft icing. A new method of affecting supercooled clouds is described. One article is devoted to an analysis of the frontal structure of anticyclones. References accompany each article.

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Zavarina, M. V. Phase Structure of Clouds and Aircraft Icing The article analyzes the results of observations made at Shosseynaya near Leningrad and at Arkhangel'sk for the purpose of establishing the effect of meteorological conditions on aircraft icing. The probability of icing as a function of cloud forms is presented in several graphs.	26

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Problems in Physics (Cont.)

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LIST OF WORK INVESTIGATED

007/27/78
007/2-3-93

Voprosy Zemli i vodorazvivaniya (Problems of the Atmosphere) Leningrad,
Gidrometeorologicheskaya izdatelstvo, 1959. 115 p. (Series: Tretii, 777, 93).
copies printed.

Sovetskaya Agentstvo TASS. Sovet Reditzhev. Glavnaya spetsialistika idremtegno-
logicheskoy shchitnosti.

M. (Title page); Ye.S. Balashova, Candidate of Physics and Mathematics;
M. (Title back); M.L. Tsvetkovodskaya; Red. M.I. A.I. Seregorov.

NOTES: This publication is intended for specialists in meteorology, aerology,
and meteorological instrumentation.

CONTENTS: This collection of twelve articles contains the results of studies done
under the auspices of the Glavnaya spetsialistika idremtegno-logicheskoy shchitnosti (and A.I.
Seregorov) (the Geophysical Observatory, Leningrad, A.I. Voprosy), the River and
estuarine hydrology department, the Institute of the Physics of the Earth, the Institute of
chemistry, of meteorites, and local winds. The last six articles cover the
methods of aerological investigation of atmospheric ozone, aerosols, con-
densation nuclei, and the chemical impurities in atmospheric precipitation.
A description of new or improved instruments used in aerological investigations
is also given. References are given at the end of some articles.

TABLE OF CONTENTS:

Balashova, Ye.S. Some Results and the Vertical Thickness of
Convection Clouds

On the basis of data obtained by aircraft sounding in the areas
of Leningrad, Moscow and Kiev, the author gives the characteristics
of the altitude of the base of the convective cloud, the vertical thickness
of convective clouds. Results of the investigation of several
convective clouds are presented as a contribution of the
method of aircraft sounding to the development of these clouds,
and the influence of conditions on the upper border of cumulonimbus
and large cumulus clouds are also investigated.

Bogomol'cov, G.P. Some Properties of Pressure Fields in Baric Formation

In elliptical bodies the author derives a formula for calculating the pressure change in
elliptical enclosures resulting from a change in the curvature of the trajectory of particles. With the use of this formula a theoretical
model of the pressure tendency field is computed. The theoretical
model is compared with the actual pressure tendency field.

Galitschenko, I.A. The Problem of a Stationary Convective Current

Different theories of several aerologists concerning the problem
of stationary convection current are analyzed. An attempt is made
to arrive at a generally acceptable solution to this problem by
solving a system of free convection equations, assuming that there
is a power function relationship between the turbulence coefficients
of the convective current and the altitude of the current source.

Kharchenko, A.V. Some Data on Vertical Velocity Near Mountain

Pages

The author estimates the magnitude of mountain air currents near
mountain passes as well as the characteristic of a transition
zone between air currents moving in different directions.

Petrovich, G.P. Peculiarities of the Temperature Field in Anticyclones

On the basis of statistical analysis, the author describes the
distribution of the horizontal temperature contrast as well as the
frequency of stable layers and inversions according to altitude and
the stage of development of anticyclones.

Perenich, A.I. Effect of Radiation Fog on the Development of Temperature

inversion

The author analyzes some experimental data obtained by sounding the
fog in the region of Dixon Island in 1956. The analysis leads to the
conclusion that radiation inversions in the air layer near the ground
are of a local character. Radiation fog, however, has a direct effect
on the evolution of the inversion.

Sh. G.P. Neurulin

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VASIL'CHENKO, I. V., Cand. Phys-Math. Sci. (diss) "Approximate Theory of Stationary Wave with Application to Upward Flows of Thermic Convection." Leningrad, 1961, 8 pp (Leningrad Hydro-meteorological Instit.) 200 copies (KL Supp 12-61, 250).

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CIA-RDP86-00513R001858720017-2"

VASIL'CHENKO, I.V.

The condition of atmospheric equilibrium above the condensation
level. Trudy GGO no.106:3-9 '61. (MIRA 14:10)
(Cloud physics)

VASIL'CHENKO, I.V., LELOKHOVICH, A.A.

Some results of sounding from an airplane in the Golodnaya Steppe.
Trudy GGO no.135:55-59 '62. (MIRA 15:8)
(Golodnaya Steppe--Atmospheric temperature)

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VASIL'CHENKO, I.V.; VORONTSOV, P.A.; DOVGALYUK, Yu.S.; MASLOV, S.I.

Methodology and apparatus for studying the boundary layer of the atmosphere from ships. Trudy GGO no.135:120-128 '62.

(MIRA 15:8)

(Atmosphere) (Meteorological instruments)

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VASIL'CHENKO, I.V.

Characteristics of atmospheric sounding by helicopters carried on
ships. Trudy CGO no.140:84-94 '63. (MIRA 16:12)

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"APPROVED FOR RELEASE: 08/31/2001

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VASIL'CHENKO, I.V.

Continuous convective stream in a stratified atmosphere. Trudy
GCO no.141:36-43 '63. (MIRA 17:4)

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